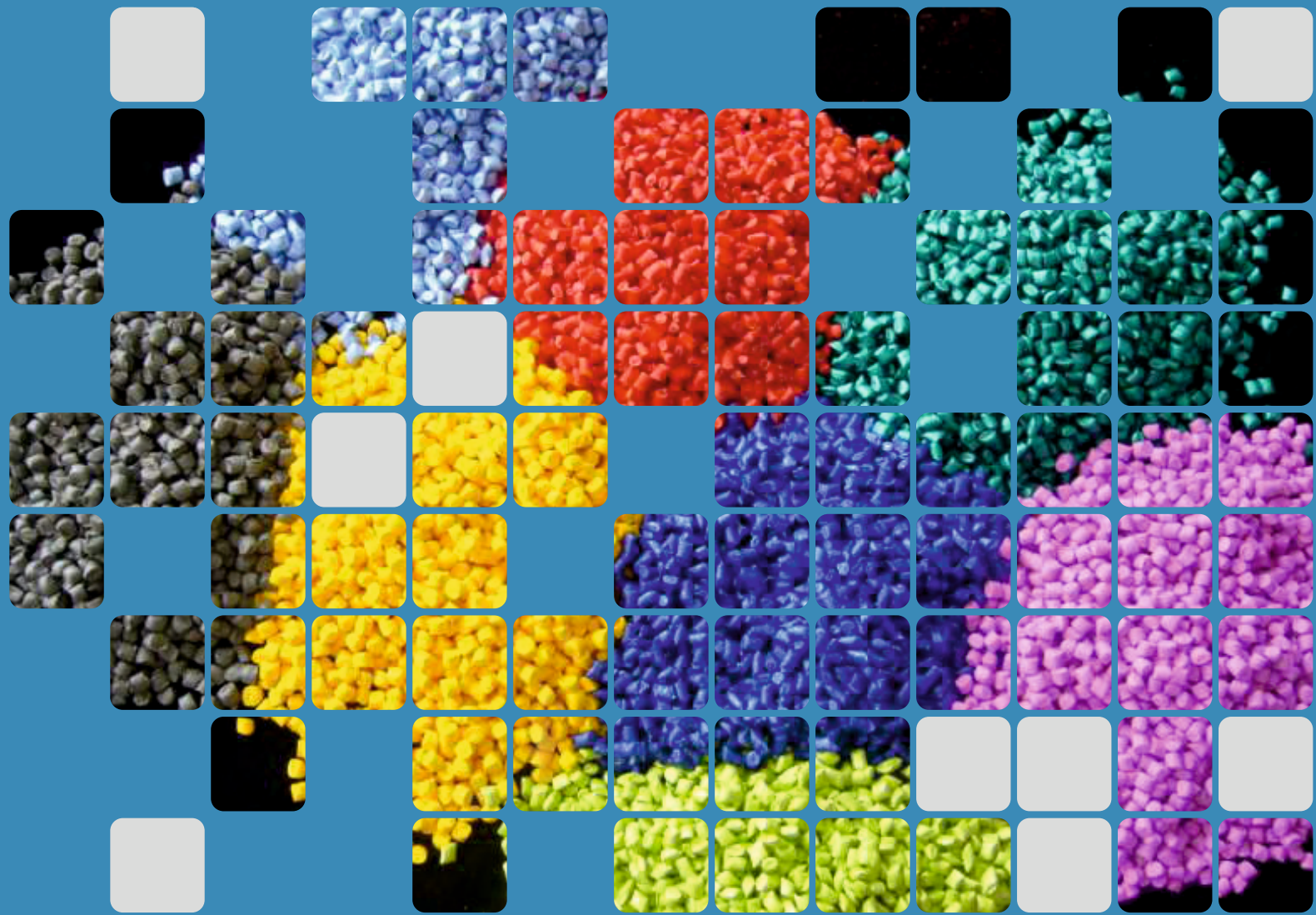




**STANDART PROF**  
thermoplastic elastomers  
and products



**TPE & TPV**



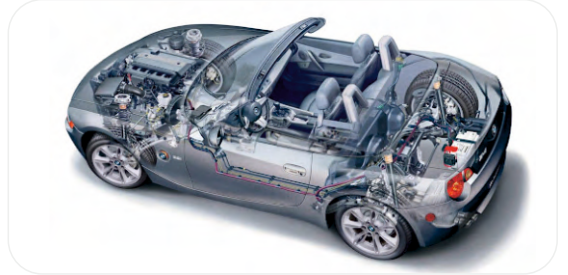
# ABOUT “STANDART PROF” FACTORY

"Standart Prof" is a full-cycle factory of development production and wholesale raw materials and products based on TPE SEBS. The Factory was founded in 2012, the main business line of the company directed to provide high-quality raw materials and production of thermoplastic elastomer to upcoming elastomer market.

In 2021 the Factory has achieved to produce over 1000 tons of raw materials monthly. Nowadays "Standart Prof" Factory products are presented in Russia, Kazakhstan, Uzbekistan, Kyrgyzstan, Tadjikistan, Azerbaijan, Armenia, Belarus, Poland, and Germany. The Factory owns several patented formulas of raw materials and registered trademarks for sealant and fire-resistant tape. We are focused on expansion and development of raw materials and finished products that fully satisfy modern customer requirements.



## AUTOMOTIVE INDUSTRY



**Exterior:** anti-dusting, air vents.

**Under the hood:** air ducts, seals.

**Interior:** Part dashboard mats, rails, profiles, pipes.

## SPECIFICATIONS

- High elasticity, soft touch surface
- The absence of phthalates and latex in the entire production chain
- Very high transparency and good colourability
- High technological process stability
- High performance in 2K molding process
- Ease of processing, short cooling time
- Lack of migration of plasticizers
- With proper storage does not require pre-drying
- High performance in the manufacturing process of two-component products. Adhesion to polyolefin during extrusion and injection molding, special grades for adhesion to PC, ABS, PMMA, SAN, ASA, Pa6
- Limited thermal degradation (no black spots, no yellowness) in the normal process range (-50°C - 110°C)

### Product brands:

Title	SEBS /SBS	Hardness, Shore A	Density, g/cm <sup>3</sup>	Melt Flow Index, 190,C° 5 kg	Tensile Strength, MPa	Elongation at break, %
TPE CA35.072	SEBS	A 35	1.08	2	5.0	700
TPE CA75.181	SEBS	A 75	1.20	7	5.7	580
TPE CA60.209	SEBS	A 60	1.18	30	4.8	530
TPE CA70.212	SEBS	A 70	1.05	140	6.2	550
TPE CA80.089	SEBS	A 80	1.18	50	6.3	450
TPE CA85.211	SEBS	A 85	1.03	150	4.9	420



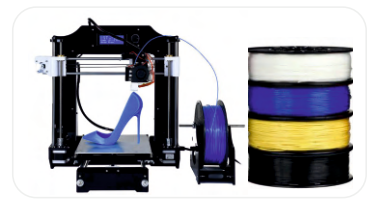
## FOOTWEAR INDUSTRY

Transparent and colored soles for daily and specialized shoes; galoshes; shoe details.



## CABLES

Cable insulation and sheathing, cable winding, wire winding, cartridge for 3D printer.



## SPECIFICATIONS

- High wear resistance
- Density from 0,94 g/cm<sup>3</sup>
- Hardness from 40 to 80 Shore A
- Processing by injection molding and extrusion
- Glossy or matte surface
- Saving elasticity at low temperatures
- The combination of excellent quality and affordable prices
- Halogen free
- Wide operating temperature range
- Vulcanization is not required
- TPE produced by "Standart Prof" is easy to process, strong and durable

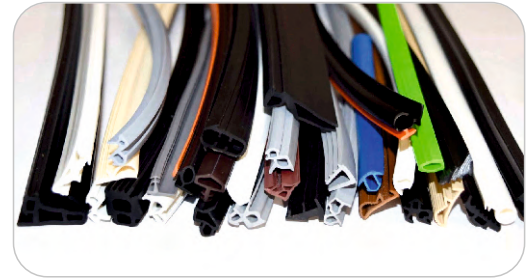
### Product brands:

Title	SEBS/SBS	Hardness, Shore A	Density, g/cm <sup>3</sup>	Melt Flow Index, 190,C° 5 kg	Tensile Strength, MPa	Elongation at break, %
TPE FA55.016	SEBS	A 55	0.99	50	4.5	500
TPE FA65.015	SEBS	A 65	0.99	50	4.5	500
TPE FA80.019	SEBS	A 80	0.99	15	6.5	500
TPE CA55.022	SEBS	A 60	1.08	5	6.9	550
TPE EA80.013	SEBS	A 80	1.18	5	5.6	580
TPE EA75.014	SEBS	A 75	1.18	5	4.5	490



# CONSTRUCTION

Seals for aluminum, plastic, wooden window profiles, pipe sealing elements, hydraulic seals, cable guides, hoses, pipes.



## SPECIFICATIONS

- Low residual deformation under static compression;
- Ozone and UV resistance
- Resistance to detergents, acids, alkalis
- Abrasion resistance
- Hardness from 35 Shore A to 55 Shore D
- Wide operating temperature range from -50 to +110 °C
- Easy to color
- Wide selection of colours on the RAL
- Excellent adhesion to PE, PP, EVA, ABS
- Recyclable

Title	SEBS/SBS	Hardness, Shore A	Density, g/cm <sup>3</sup>	Melt Flow Index, 190,C° 5 kg	Tensile Strength, MPa	Elongation at break, %
TPE IA45.018	SBS	A 45	1.22	50	2.1	550
TPE IA6Q029	SBS	A 60	1.22	50	3.0	500
TPE CA60.027	SEBS	A 60	1.22	5	5.5	650
TPE CA50.016	SEBS	A 55	1.08	5	7.0	700
TPE CA65190	SEBS	A 65	1.25	7	4.7	530
TPE CA55.187	SEBS	D 55	1.18	5	11.2	360
TPE CA60.025	SEBS	A 60	1.18	5	7.0	700



## MEDICAL INDUSTRY

Parts of the syringe, test tube lids, racks for test tubes and instruments, stethoscope, heating pads, enemas



## FOOD CONTACT

Food container sealers, handles of non-heated dishes, food hoses, yoga mats



## SPECIFICATIONS

- Easily processed by injection molding and extrusion;
- Adhesion to PP and PE for multi-component product;
- No harmful metals and compounds;
- Non-toxic and safe for humans;
- Abrasion resistant;
- TPE by "Standart Prof" is easy to process, strong and durable.

Title	SEBS/SBS	Hardness, Shore A	Density, g/cm <sup>3</sup>	Melt Flow Index, 190,C° 5 kg	Tensile Strength, MPa	Elongation at break, %
TPE MA35.058	SEBS	A 35	1.08	25	4.1	700
TPE MA45.041	SEBS	A 45	0.89	100	6.1	460
TPE MA45.047	SEBS	A 45	0.89	50	3.2	550
TPE MA55.089	SEBS	A 55	1.10	50	4.7	690
TPE MA65.043	SEBS	A 65	0.89	15	6.3	560
TPE MA70.040	SEBS	A 70	0.89	20	9.7	520
TPE CA80.142	SEBS	A 80	1.18	100	5.8	450



# MODIFIATORS FOR POLYMERS



- Modification of polypropylene(PP)
- Modification of polyamide (PA)
- Modification of polycarbonate(PC)
- Modification of high impact polystyrene (HIPS)
- Modification of high density polyethylene (HDPE)
- Modification of acrylonitrile butadiene styrene (ABS)
- Modification of recycled polypropylene (recycled PP)
- Modification of recycled high impact polystyrene (recycled HIPS)

## FEATURES

- improve compatibility to PE, PP, ABS, PA
- elasticity improve
- service durability improve
- reduction of brittleness temperature
- increase of hardness
- increase of impact resistance at low temperatures



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**TPE & TPV**